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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/869,904	07/09/2001	Yataro Ichikawa		1269	
7590 09/09/2004			EXAM	INER	
Yataro Ichikawa			STRICKLAN	STRICKLAND, JONAS N	
11 7 Kotesashi	cho 2 Chome				
Tokorozawa shi			ART UNIT	PAPER NUMBER	
Saitama, 359 1141			1754	· · · · ·	
JAPAN			DATE MAILED: 09/09/2004		

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)			
	09/869,904	ICHIKAWA, YATARO			
Office Action Summary	Examiner	Art Unit			
	Jonas N. Strickland	1754			
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence address			
A SHORTENED STATUTORY PERIOD FOR REPLY THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply If NO period for reply is specified above, the maximum statutory period we Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	6(a). In no event, however, may a reply be time within the statutory minimum of thirty (30) days ill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	nely filed s will be considered timely. the mailing date of this communication. O (35 U.S.C. § 133).			
Status					
1) Responsive to communication(s) filed on 11 Se	eptember 2003.				
· —	☐ This action is FINAL. 2b) ☐ This action is non-final.				
3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is					
closed in accordance with the practice under E	x parte Quayle, 1935 C.D. 11, 45	3 O.G. 213.			
Disposition of Claims					
4) Claim(s) 1-14 and 16-21 is/are pending in the a	pplication.				
4a) Of the above claim(s) is/are withdraw	n from consideration.				
5) Claim(s) is/are allowed.					
6) Claim(s) is/are rejected.		,			
7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) <u>1-14 and 16-21</u> are subject to restriction	on and/or election requirement				
Old Claim(s) 1-14 and 10-21 are subject to restrict	on and/or election requirement.				
Application Papers					
9) The specification is objected to by the Examiner	•				
10)☐ The drawing(s) filed on is/are: a)☐ acce	pted or b) objected to by the E	xaminer.			
Applicant may not request that any objection to the d	• • • • • • • • • • • • • • • • • • • •	` '			
Replacement drawing sheet(s) including the correction	-	• •			
11)☐ The oath or declaration is objected to by the Exa	aminer. Note the attached Office	Action or form PTO-152.			
Priority under 35 U.S.C. § 119					
12)⊠ Acknowledgment is made of a claim for foreign a)⊠ All b)□ Some * c)□ None of:		-(d) or (f).			
1. ☐ Certified copies of the priority documents					
2. Certified copies of the priority documents	• •				
 Copies of the certified copies of the priori application from the International Bureau 		d in this National Stage			
* See the attached detailed Office action for a list of	• • • • • • • • • • • • • • • • • • • •	d			
In the second of the seco	and a summer supplies that to solve				
Attachment(s)	∆ □	DTO 443)			
Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948)	4)				
B) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date	5) Notice of Informal Pa				
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Application/Control Number: 09/869,904

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DETAILED ACTION

Election/Restrictions

1. Restriction is required under 35 U.S.C. 121 and 372.

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1.

In accordance with 37 CFR 1.499, applicant is required, in reply to this action, to elect a single invention to which the claims must be restricted.

- 2. Group I, claim(s) 1-14, 16, and 18-21 are, drawn to an apparatus for treating an exhaust gas.
- 3. Group II, claim(s) 17 is, drawn to a method for treating an exhaust gas having carbon-containing particles and nitrogen oxides.
- 4. The inventions listed as Groups I and II do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons: Claim 17 is directed towards a method for treating an exhaust gas with a liquid including substance having a salt including oxygen acid radical of nitrogen at a temperature higher than 100°C and lower than 350°C to at least partially convert the salt including oxygen acid radical of nitrogen to a salt including carbonic acid radical and wherein the salt including oxygen acid radical react with nitrogen oxides to partially regenerate the salt including oxygen acid radical of nitrogen. The claims of Group I do not require having a temperature higher than 100°C and lower than 350°C to at least partially convert the salt including oxygen acid radical of nitrogen to a salt including carbonic acid radical. Furthermore, the apparatus claims do not require wherein the salt including oxygen acid radical reacts with nitrogen oxides to partially regenerate the salt including oxygen acid radical of nitrogen.
- 5. A telephone call was made to Yataro Ichikawa on 9/3/04 to request an oral election to the above restriction requirement, but did not result in an election being made.

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Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jonas N. Strickland whose telephone number is 571-272-1359. The examiner can normally be reached on M-TH, 7:30-5:00, off 1st Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stanley Silverman can be reached on 571-272-1358. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Jonas N. Strickland September 4, 2004 Mayne A. LANGEL
PRIMARY EXAMINER